

ZACH GILLIOM

zacharygilliom@gmail.com
1010 N. Front Street ◊ Milton, PA 17847
(570) · 412 · 5384

TECHNICAL STRENGTHS

Computer Languages	Python, Go, HTML, CSS, PowerBI, SQL
Libraries & Tools	Pandas, Numpy, Dash, Matplotlib, Flask, Linux, Git, Docker, MongoDB
Github	Projects can be found at: https://github.com/zacharygilliom

EXPERIENCE

Masonite International <i>Order Processor & Order Change Tech</i>	April 2017 - Present Northumberland, PA
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- Maintain < 2% error rate measured by number of doors processed and orders processed year over year
- Selected as one of 4 employees to test, troubleshoot, and train employees on new ERP Software.
- Build dashboards for integration team to analyze customer adoption rate of software using Power BI
- Build dashboards for department head to track employee performance using Power BI
- Organize and analyze orders from customers to maintain consistency across multiple documents
- Coordinate with integration team for software improvements
- Lead workshops and training on software

PROJECTS

Mountain Bike Trail Finder <i>Personal Python Project</i>	April 2020 - Present https://github.com/zacharygilliom/mtb-trail-conditions
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- Designed website to search for Mountain Bike Trails or Hiking Trails within a given distance from the user's location
- Developed backend API with Flask to serve a React.js frontend
- Utilize weather, trail, and location APIs to aggregate and analyze trail data

Masonite International <i>Triage Project</i>	January 2019 - September 2019
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- Generate daily reports to notify the sales team about sales orders
- Extract and transform data for reports in Microsoft Excel using VLookups and Pivot Tables to aid sales in communication
- Identify problems with procedures and take measures to correct them
- Serve as communication intermediary for sales and production
- Develop automated workflow to streamline sales functions using Power Automate, Outlook, Excel, & Power BI

EDUCATION

Bloomsburg University B.S. in Mathematics Relevant Coursework: Mathematical Modeling, Probability & Statistics, & Design of Experiments	January 2017
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